

**IN THE CLAIMS:**

**Please amend claim 1 as follows:**

1. (Currently amended) A method of vitamin D derivative wherein the vitamin D derivative consisting of 1, 25-dihydroxyvitamin D<sub>3</sub> is transvaginally administered to a cow in a concentration of 0.125 to 1.0 µg/kg (bodyweight ratio), and the vitamin D derivative administered transvaginally is absorbed in the vaginal cavity of the cow to increase a calcium concentration in the body of the cow.

2. (Canceled).

3. (Previously Presented) The method of administering a vitamin D derivative as claimed in claim 1, including administering an intravaginal insert containing the vitamin D derivative to a vaginal cavity of the cow.

4-15. (Canceled).